

AMENDMENTS TO THE SPECIFICATION

Please replace the first and second paragraphs on page 7 with the following amended paragraphs

In the next, a terminal plate 3, i.e. the second terminal plate, which is different from the terminal plate 1, is inserted from an upper side of the brush holder base 2. In the next, the spring 4 is set in the step for temporary tacking 5 from the upper side. In the next, the pigtail 6a of the brush 6 is welded to columns 1a and 3a of the terminal plate 1 and the terminal plate 3. Thus welded pigtail 6a ~~is set~~ extends from an upper side of the brush holder ~~(at introducing portion 6c) in a direction parallel to the motor shaft~~ as illustrated in Figure 4. Thereafter, the terminal plate 1 is connected to the terminal plate 3 by welding at a portion B, and finally the brush holder cover 7, made of the thermo-set resin such as phenol, is set.

As illustrated in Figure 3, the terminal plate ~~43-3~~ is connected to the second end of the pigtail 6a in an area within 90° from ~~an~~ the position at which the introducing portion ~~6c~~ of the ~~pigtail in brush is connected to the first end of the brush 6~~ pigtail 6a, wherein the pigtail 6a is ~~introduced~~ extends in a direction of a motor shaft, i.e., parallel to the motor shaft. Accordingly, it is possible to reduce a bad influence against a sliding motion of the brush 6 caused by flexibility of the pigtail 6a and vibration of the brush 6 in radial directions, whereby operating noises and ripples of torque in the dynamo-electric machine can be reduced. Further, because all pigtails extend in radial directions, in a dynamo-electric machine rotatable in both directions, differences of numbers of revolutions, of torques, of ripples of the torques, and of operating noises between the directions can be reduced.

Please replace the second through fifth paragraphs on page 8 with the following amended paragraphs:

Further, the pigtail 6a is connected to the columns 1a, 3a of the terminal plates in an area around a sliding axis of the brush 6 so as to be disposed within the width 6b of the brush 6 and in a backside of the introducing portion 6c of the pigtail in the brush 6. Here, the backside of the introducing portion 6c is that area of the device which is more outside than the introducing portion.

According to the present invention, it is possible to reduce ripples of torque and operating noises by connecting the pigtail 6a to the columns 1a, 3a in the area within 90° ~~on~~ of the introducing portion 6c from a backside ~~from~~ of the introducing portion of the pigtail from the brush 6. That is, as shown in Fig. 3, a connecting point at which the pigtail 6a is connected to the columns 1a, 3a is present more outside than the introducing portion 6c. An imaginary line connecting the connecting point and the introducing portion 6c is at an angle within $\pm 45^\circ$ from the sliding axis of the brush 6.

Further, by ~~introducing~~ extending the pigtail 6a from the brush 6 in the direction ~~toward~~ of the motor shaft and connecting a tip of the pigtail 6a to the terminals 1, 3 in the area within 90° ~~in~~ of the backside ~~from~~ of the introducing portion 6c of the pigtail in the brush 6 connected to pigtail 6a, it is possible to reduce ripples of torque and operating noises in the dynamo-electric machine.

Further, in the dynamo-electric machine rotatable in both directions, by connecting the pigtail 6a to the terminals 1, 3 in the area within 90° on the backside ~~from~~ at which the introducing portion of the pigtail in the brush 6 ~~6c is connected to the pigtail 6a~~, it is possible to

reduce ripples of torque and operating noises. Further, it is possible to reduce differences of numbers of revolutions, of torques, of ripples of torques, and of operating noises with respect to the directions because the pigtails 6a of all brushes 6 have the same or substantially the same shapes.

Please replace the second paragraph on page 10 with the following amended paragraph:

Accordingly, in a manner similar to that in Embodiment 1, the pigtail 12 is welded in an area within 90° ~~on a backside from~~ of the location at which an introducing portion 9a of the pigtail in the brush 9 is connected to the pigtail 12, whereby it is possible to ~~introduce~~ extend the pigtail 12 in a direction ~~toward~~ of a motor shaft.

Please replace the first paragraph on page 11 with the following amended paragraph:

As illustrated in the figures, the pigtail 6a ~~is introduced~~ extends in a direction of a sliding axis from the brush 6, and is welded to the terminals 1 and 3 in an area within 90° ~~in the from a backside from~~ of the brush at which an introducing portion 6c of the pigtail in the brush 6 is connected to pigtail 6a (see Figs. 10 and 11). In other words, the introducing portion 6c is located at a side of the brush which is opposite from the motor shaft, as shown in Fig. 11. Although in the above structure, an example that four brushes are used is shown, the brush holder according to Embodiment 3 is not limited to that having four brushes.